

ABSTRACT OF THE DISCLOSURE

A dishwasher having a steam discharger is provided, in which an intake port cover for closing a steam intake port is mechanically operated. The dishwasher has a cavity, where steam is created, enclosed in part by a door and a fan motor for driving a fan via a rotational shaft, each of which are installed at an upper point of the door, for generating a suction force to discharge the steam from the cavity through the upper point of the door via a steam discharger. The steam discharger includes a fan housing, enclosing the fan motor and fan, for guiding the steam discharged by an operation of the fan motor, the fan housing having a steam intake port communicating with the cavity, a steam exhaust port penetrating the door, and a through-hole disposed in opposition to the steam intake port; an intake port cover, movably installed within the fan housing, for opening and closing the steam intake port of the fan housing, the intake port cover having a central shaft extending through the through-hole of the fan housing; and a coupler, linking the rotational shaft of the fan motor and the central shaft of the intake port cover, for transferring the driving force of the fan motor to the intake port cover to selectively open and close the steam intake port of the fan housing. During operation, the steam intake port of the fan housing is open during a performance of a drying step by the dishwasher and is closed during a performance of washing and rinsing steps.